

**To:** Way, Steven[way.steven@epa.gov]; Matt Francis[m.francis@erllc.com]  
**From:** Christoph Goss  
**Sent:** Thur 6/5/2014 3:32:03 PM  
**Subject:** RE: Adit Portal and Tunnel rehab specs

Hi Steve and Matt

I am working on the Gold King scope and will have it for you late today or tomorrow.

Christoph

**Christoph Goss, PhD, PE**

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**From:** Way, Steven [mailto:way.steven@epa.gov]  
**Sent:** Thursday, May 29, 2014 8:43 AM  
**To:** Matt Francis; Christoph Goss  
**Subject:** Adit Portal and Tunnel rehab specs

Matt and Christoph,

The purpose for the call is to discuss the potential of developing a set of specifications for rehabilitation of the adit portal and some distance of rehab underground, yet to be determined but not more than 100 ft.

Attached is a recent set of bid specifications that the state is using on another mine. This may be useful for our discussions today. The Gold King mine is the project that I am looking into for this year if we can get in place to start. A few of the specifics that I want to address include:

1. Specifications for the extent of steel sets vs. timbers
2. Foam vs cribbing for voids over the back and sides
3. Fir lagging vs. steel

Apparently the ground is not good for at least 75 ft or more inby of the face.

I will plan to do a three way call from my office; talk with you at 11:00. If we need to change this time just let me know.

Thanks,

Steve

Steven Way

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